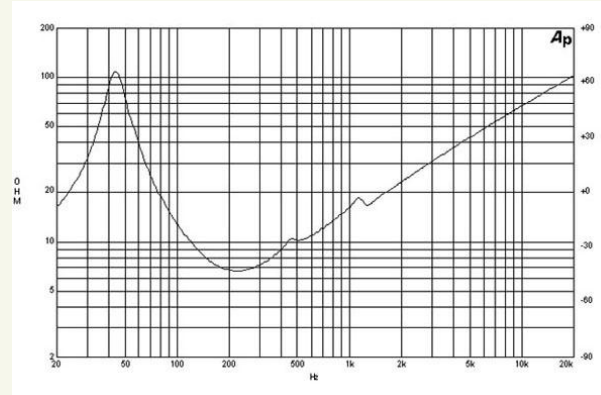
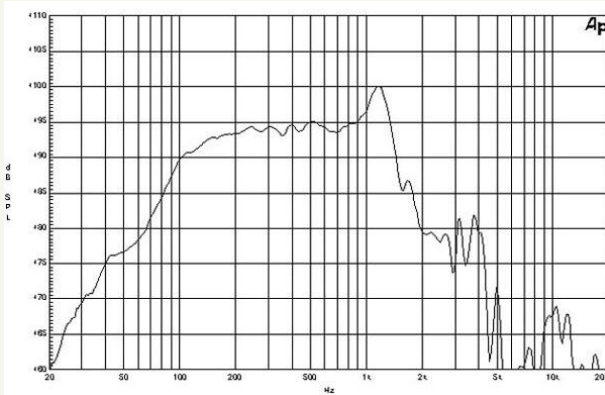




12NW100 | Subwoofer

1400 W continuous program power capacity
100 mm (4 in) copper voice coil
40 – 1500 Hz response
96 dB sensitivity
FEA optimized Neodymium magnet assembly
Double silicone spider with optimized compliance
Ventilated voice coil gap for reduced power compression



Horns
HF Drivers
Coaxials
LF Nd Drivers
LF Drivers

Specification

Nominal Diameter	320 (12) mm (in)
Nominal Impedance (1)	8 Ohm
Minimum Impedance	6.2 Ohm
Nominal Power Handling (2)	700 W
Continuous Power Handling (3)	1400 W
Sensitivity (1W/1m) (4)	96 dB
Frequency Range	45 - 1500 Hz
Voice Coil Diameter	100 (4) mm (in)
Winding Material	Copper
Former Material	Glass Fibre
Winding Depth	25 (1) mm (in)
Magnetic Gap Depth	12 (1/2) mm (in)
Flux Density	1.2 T

Thiele & Small Parameters

Fs	42 Hz
Re	5.1 Ohm
Qes	0.21
Qms	3.6
Qts	0.20
Vas	44 (1.5) dm3 (ft3)
Sd	531 (82.3) cm2 (in2)
Eta Zero	1.7 %
Xmax	+/- 9 mm
Xvar	+/- 11 mm
Mms	119 g
Bl	28 Txm
Le	1.9 mH

Mounting and Shipping Info

Overall Diameter	319 mm (12.5 in)
Bolt Circle Diameter	299 mm (11.8 in)
Baffle Cutout Diameter	281 mm (11.1 in)
Depth	137 mm (5.4 in)
Flange and Gasket Thickness	13 mm (0.5 in)
Net Weight	8.2 kg (18 lb)
Shipping Weight	8.9 kg (19.6 lb)
Shipping Box	340x340x170 mm (13.4x13.4x6.7 in)

- ¹For different impedances, please ask.
- ²2 hours test made with continuous pink noise signal (6 dB crest factor). Power calculated on rated minimum impedance.
- ³Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
- ⁴Applied RMS Voltage is set to 2.83V for 8 ohms or 2.0V for 4 ohms Nominal Impedance

